



CALIFORNIA RENEWABLE FUELS
PARTNERSHIP

California Ethanol Update

California Renewable Fuels Partnership

- ★ California Farm Bureau
- ★ Bluewater Network
- ★ Planning and Conservation League
- ★ Silicon Valley Toxics Coalition
- ★ Community Alliance with Family Farmers
- ★ Calstart
- ★ Ventura County Solid Waste
- ★ Renewable Energy Action Project
- ★ Renewable Fuels Association
- ★ California Feed and Grain Association
- ★ Westside Conservation District
- ★ California Ethanol Developers

6 to 8 Projects in Advanced Stages of Development

- ★ Projects are South, Central and Northern California
- ★ Three projects have fully permitted sites
- ★ One project in construction
- ★ Combined capacity of around 400 million gallons

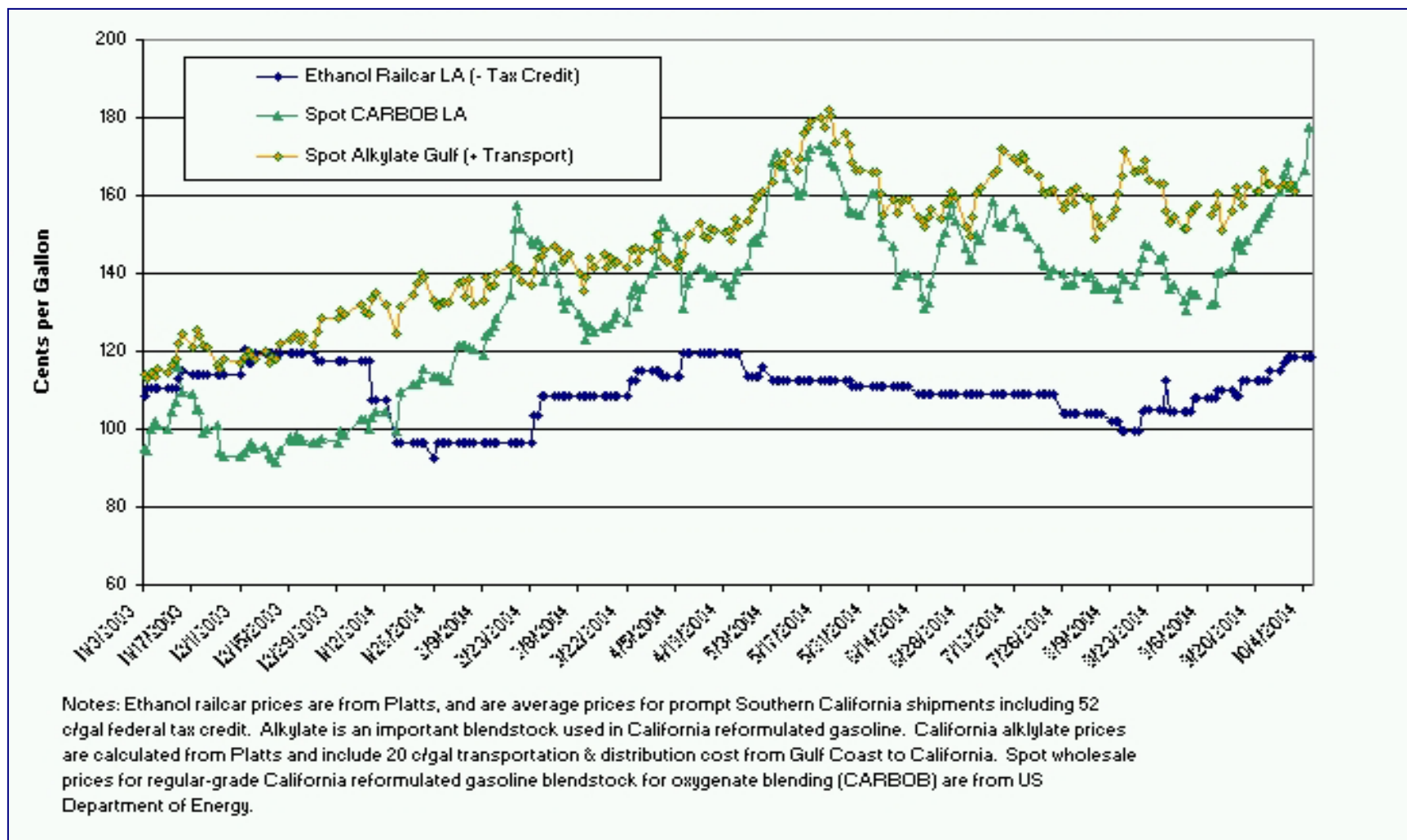
Economic Development

- ★ **First Phase 7000 new jobs throughout economy**
- ★ **Stimulate over \$600 million capital investment**
- ★ **Provide economic development in areas of need including rural California**

Environmental

- ★ **Most cost effective reduction of CO₂ in the near term** - *Pew Center for Global Climate Change*
- ★ **Reduces CO - important ozone precursor**
- ★ **Clean replacement for aromatics and other gasoline components**
- ★ **Meets Clean Air Requirements by law**

Recent California and Blendstock Prices



Issues to Consider

- ★ CEC Renewable electricity program provides road map for fuels
- ★ Ethanol as a key building bloc to renewable hydrogen.
- ★ Additive Local Supply
- ★ Brazil as an example – FFV's
- ★ Integration between Air Quality and Energy Policies
- ★ Fungible CARBOB and Ethanol Quantities - 10% ethanol flexibility needed



Ethanol and Other Biofuels are Key
Components to California's
Transportation Future.